Sheath 20 may preferably be made of an elastomer or other highly compliant polymer. Such polymers may include latex, styrenic block copolymers such as SBS and SEBS made by Shell under trade name of Kraton, polyether-ester block copolymers (COPE) for co-polyesters made by DuPont under the trade name of Hvtrel, thermoplastic polyamide elastomers (PEBA) made by Atochem under the trade name of Pebax, and thermoplastic polyurethane elastomer (TPUR) made by Dow under the trade name Pellathane, or thermoplastic polyolefin elastomers (TPOs).

B1

Replace the paragraph on page 4, between line 17 and line 22 with:

Sheath 20 may further include a proximal opening 25 and a distal opening 27. In its non-distended configuration, sheath 20 may generally form a cylinder. Sheath 20 may have a ridge (not shown) on its interior near distal opening 27 which may be configured to better capture the distal end of a prosthesis. In an alternative embodiment, sheath 20 may have slots or holes (not shown) which would enhance the porosity of sheath 20 and provide better flexibility.

B2

In The Claims

Please cancel claim 7. Please amend claims 9, 10, 11, 13 and 14 as follows:

9. (Amended) The prosthesis of claim 8 comprising a stent.

10. (Amended) The expandable prosthesis of claim 8 comprising a coil.

B3

11. (Amended) The sheath of claim 8 further comprising perforations to allow blood porosity and to enhance distensability.

13. (Amended) The method of claim 12 further comprising detaching the sheath from the tubular member as the prosthesis is deployed.

B4

14. (Amended) The method of claim 12 wherein the prosthesis is deployed in an aneurysm.

17. (New) The expandable prosthesis of claim 1 comprising a wire having a pre-curved shape that forms upon delivery into the expandable sheath.

B5